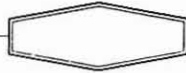


ASH GROVE CEMENT COMPANY



"WESTERN REGION"

7/30/02

Puget Sound Clean Air Agency
Attn: Fred Austin
110 Union Street
Suite 500
Seattle, Washington 98101

Mr. Doug Cole, Acting Manager, Federal and Delegated Programs
U.S. Environmental Protection Agency, Region X - Office of Air Quality
1200 Sixth Avenue
Seattle, Washington 98101

VIA CERTIFIED U.S. MAIL, No. 7000 0520 0012 6008 2230

Re: *Submittal of 40 CFR § 63.10 (e) (3) "Summary Report -- Gaseous Emission and Continuous Monitoring System Performance", and §63.1354 (b) (4)) and periodic Startup, Shutdown and Malfunction Report for Affected Sources Under 40 CFR Part 63, Subpart LLL Ash Grove Cement Company Plant - Seattle Washington*

Dear Mr. Austin:

In accordance with the provision of § 63.10 (e) (3), (e)(3)(vii) and (e)(3)(viii) of 40 CFR Part 63, Ash Grove Cement Company is submitting this semi annual report entitled - "Summary Report -- Gaseous and Continuous Monitoring System Performance".

Contact Person: Gerald J. Brown
Safety and Environmental Manager
3801 East Marginal Way South
Seattle, Washington 98134-1113
(206) 623-5596

63.10 (e)(3)(vi)(A): Company name and address of the affected source: Ash Grove Cement Company, 3801 East Marginal Way South, Seattle WA 98134

63.10 (e)(3)(vi)(B): An identification of each hazardous air pollutant monitored at the affected source: Dioxin/Furans

63.10 (e)(3)(vi)(C): The beginning and ending dates of the reporting period:
June 14, 2002 to June 30, 2002

63.10 (e)(3)(vi)(D): A brief description of the process units: The in-line kiln/raw mill system includes an ID fan, the main baghouse dust collector, the Raw Mill, preheater/precalciner, and rotary kiln. The system converts dry raw materials prepared in the raw mill into cement clinker by heating it to the point of incipient fusion in the preheater/ precalciner and kiln. New chemical compounds are formed in the clinkering process that produce the hydraulic properties of portland cement. The system is heated by fossil fuels that are combusted at the lower or clinker discharge end of the inclined rotary kiln and in the precalciner and tire derived fuel introduced to the system

AGCS2M002689

at in the precalciner. The flow of combustion products is countercurrent to the flow of raw materials down the kiln.

63.10 (e)(3)(vi)(E): The emission and operating parameter limitations specified in the relevant standard(s): Dioxin/Furans, 0.4 ng/dscm if APCD inlet temperature <= 400 °F, 0.2 ng/dscm of APCD inlet temperature > 400 °F. Kiln operating limit: Temperature limits have not been established during this reporting period.

63.10 (e)(3)(vi)(F): The monitoring equipment manufacturer(s) and model number(s):
Thermocouple Manufacturer: Rosemount Type J Eustis Pyrocom Model# MAJ73U12000D
Transmitter Manufacturer: Rosemount Model # 3044C

63.10 (e)(3)(vi)(G): The date of the latest CMS certification or audit: May 28, 2002

63.10 (e)(3)(vi)(H): The total operating time of the affected sources during the reporting period: Total operating time for the Kiln. 400.3 Hours
 Total operating time for the Raw Mill. 335.6 Hours

63.10 (e)(3)(vi)(I): An emission data summary (or similar summary if the owner or operator monitors control system parameters), including the total duration of excess emissions during the reporting period (recorded in minutes for opacity and hours for gases), the total duration of excess emissions expressed as a percent of the total source operating time during that reporting period, and a breakdown of the total duration of excess emissions during the reporting period into those that are due to startup/shutdown, control equipment problems, process problems, other known causes, and other unknown causes;

CMS EXCESS EMISSION AND PARAMETER EXCEEDENCE DATA SUMMARY	
1. DURATION OF EXCESS EMISSION (EE) OR PARAMETER EXCEEDENCES (PE) IN REPORTING PERIOD DUE TO:*	
	RAW MILL
A. STARTUP/SHUTDOWN	N/A
B. CONTROL EQUIPMENT PROBLEMS	N/A
C. PROCESS PROBLEMS	N/A
D. OTHER KNOWN CAUSES	N/A
E. UNKNOWN CAUSES	N/A
1. TOTAL DURATION OF EXCESS EMISSIONS	N/A
2. $\frac{\text{Total EE (PE) Duration} \times 100}{\text{Total Source Operating Time}} =$	N/A

*Unit of Time are in hours for all gases, temperatures, and flow rates.

†If Total EE (PE) Duration ≥ 1% and/or CMS Downtime ≥ 10% of Total Operating Time for the reporting period, submit Excess Emission and Parameter Monitoring Exceedences and CMS Downtime Reports in addition to the Summary Report as per 40 CFR 63.10(e)(3)viii) and 40 CFR 63.1354(b)(10).

Note: Temperature limits have not been established during this reporting established.

Regulatory Citation: 40 CFR 63.10(e)(3)(vi)(A)-(M)

63.1354(b)(9)(i). All exceedences of maximum control device inlet temperature specified in 63.1344(a) and (b).

<u>Event</u>	<u>From</u>	<u>To</u>
None		

63.10(e)(3)(vi)(J). A CMS performance summary (or similar summary if the owner or operator monitors control system parameters), including the total CMS downtime during the reporting period (recorded in minutes for opacity and hours for gases), the total duration of CMS downtime expressed as a percent of the total source operating time during that reporting period, and a breakdown of the total CMS downtime during the reporting period into periods that are due to monitoring equipment malfunctions, nonmonitoring equipment malfunctions, quality assurance/quality control calibrations, other known causes, and other unknown causes;

CMS PERFORMANCE SUMMARY	
3. CMS DOWNTIME IN REPORTING PERIOD DUE TO:*	
A. MONITOR EQUIPMENT MALFUNCTIONS	0.0
B. NON-MONITOR EQUIPMENT MALFUNCTIONS	0.0
C. QUALITY ASSURANCE CALIBRATION	0.0
D. OTHER KNOWN CAUSES	0.0
E. UNKNOWN CAUSES	0.0
2. TOTAL CMS DOWNTIME	0.0
3. $\frac{\text{Total CMS Downtime} \times 100}{\text{Total Source Operating Time}} =$	0.0%

*Unit of Time are in hours for all gases, temperatures, and flow rates.

†If Total EE (PE) Duration ≥ 1% and/or CMS Downtime ≥ 10% of Total Operating Time for the reporting period, submit Excess Emission and Parameter Monitoring Exceedences and CMS Downtime Reports in addition to the Summary Report as per 40 CFR 63.10(e)(3)(viii) and 40 CFR 63.1354(b)(10).

Regulatory Citation: 40 CFR 63.10(e)(3)(vi)(A)-(M)

63.10 (e)(3)(vi)(K): A description of any changes in CMS, processes, or controls since the last reporting period.

-No changes were made to the APCD inlet thermocouple in the reporting period.

63.1354(b)(9)(ii). All failures to calibrate thermocouples and other temperature sensors as required under 63.1350(f)(7):

-There were no failures to calibrate thermocouples and other temperature sensors as required during the reporting period.

63.1354(b)(9)(iii). All failures to maintain the activated carbon injection rate, and the activated carbon injection carrier gas flow rate or pressure drop, as applicable, as required under 63.1344 (c):

-This requirement is not applicable to the Seattle kiln system at this time.

63.1354(b)(9)(iv). The results of any combustion system inspections conducted within the reporting period under 63.1350(i):

-No inspection of the combustion system components was made during the reporting period.

63.1354(b)(9)(v): All failures to comply with any provision of the operation and maintenance plan developed in accordance with 63.1350 (a):

-There were no failures to comply with any provision of the operation and maintenance plan during the reporting period.

63.1354(b)(4). As required by 63.10(d)(5), if the actions taken by an owner or operator during a startup, shutdown, or malfunction of an affected source (including actions taken to correct a malfunction) are consistent with the procedures specified in the source's startup, shutdown, and malfunction plan specified in 63.6(e)(3), the owner or operator shall state such information in a semiannual report. Reports shall only be required if a startup, shutdown, or malfunction occurred during the reporting period. The startup, shutdown, and malfunction report may be submitted simultaneously with the excess emissions and continuous monitoring system performance reports.

Actions taken to correct malfunctions during the reporting period were consistent with the startup, shutdown, and malfunction plan.

63.10(d)(5)(i). Periodic startup, shutdown, and malfunction reports. If actions taken by an owner or operator during a startup, shutdown, or malfunction of an affected source (including actions taken to correct a malfunction) are consistent with the procedures specified in the source's startup, shutdown, and malfunction plan [see § 63.6(e)(3)], the owner or operator shall state such information in a startup, shutdown, and malfunction report. Reports shall only be required if a startup, shutdown, or malfunction occurred during the reporting period, and they must include the number, duration, and a brief description of each startup, shutdown, or malfunction. The startup, shutdown, and malfunction report shall consist of a letter, containing the name, title, and signature of the owner or operator or other responsible official who is certifying its accuracy, that shall be submitted to the Administrator semiannually (or on a more frequent basis if specified otherwise in a relevant standard or as established otherwise by the permitting authority in the source's title V permit). The startup, shutdown, and malfunction report shall be delivered or postmarked by the 30th day following the end of each calendar half (or other calendar reporting period, as appropriate). If the owner or operator is required to submit excess emissions and continuous monitoring system performance (or other periodic) reports under this part, the startup, shutdown, and malfunction reports required under this paragraph may be submitted simultaneously with the excess emissions and continuous monitoring system performance (or other) reports. If startup, shutdown, and malfunction reports are submitted with excess emissions and continuous monitoring system performance (or other periodic) reports, and the owner or operator receives approval to reduce the frequency of reporting for the latter under paragraph (e) of this section, the frequency of reporting for the startup, shutdown, and malfunction reports also may be reduced if the Administrator does not object to the intended change. The procedures to implement the allowance in the preceding sentence shall be the same as the procedures specified in paragraph (e)(3) of this section.

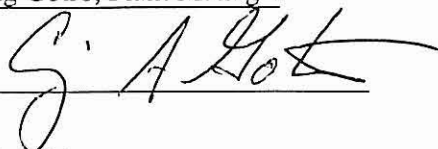
Listed below are the number, duration, and brief description of each startup, shutdown or malfunction.

ASH GROVE CEMENT COMPANY
PERIODIC STARTUP, SHUTDOWN& MALFUNCTION SEMIANNUAL REPORT
Reporting period: June 14 –June 30, 2002

Entity/System	Description	
316.MR1 Raw Mill	Startups: 8 (total startup time: 1.33 hrs.) Startup of the Raw Mill commences when 317.FZ3 and 411.FZ1 dedusting filters and rotary feeder 411.RF3 are started as part of the startup sequence.	
	Shutdowns: 9 (total shutdown time: 72.40 hrs.) Shutdown of the Raw Mill commences when Raw Mill 316.MR1 is stopped.	
	Malfunctions: 1	
	<u>Description</u> Mech, elect, or equipment failure of system component.	<u>Duration</u> 2.45 hrs
416.KD1 Kiln	Startups: 2 (total startup time: 3.33hrs.) Startup of the Kiln commences when the main baghouse dust collector fan 413.FZ1 is started as part of the kiln startup sequence.	
	Shutdowns: 2 (total shutdown time: 7.76 hrs.) Shutdown of the Kiln commences when fuel flow to the main burner pipe is terminated. Malfunctions: 0	

I certify that the information contained in this report is true, accurate, and complete.

Name: Craig Gotro, Plant Manager

Signature: 

Date: July 30, 2002